

Gulf Oil Exploration and Production Company

May 24, 1978

C. D. Borland
District Manager, Hobbs Area

P. O. Box 670
Hobbs, NM 88240

Re: Vinson Ramsay (NCT-B) No. 7, Unit J,
Section 36-25S-37E, Lea County, New
Mexico, Request Administrative Approval
to Commingle Down-Hole the Justis
Blinebry and Justis Tubb Drinkard Pools

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

Mr. Joe D. Ramey
Energy and Minerals Department,
Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Dear Sir:

Your administrative approval is requested for an exception to Rule 303-A to permit down-hole commingling of production in the subject well from the Justis Blinebry and the Justis Tubb Drinkard (commingled in surface storage by Administrative Order PC-15). Production from the same two pools is presently being commingled down-hole in Gulf's Arnott-Ramsay (NCT-F) No. 11 by Order No. DHC-48 and Gulf's Vinson Ramsay (NCT-B) No. 8 by Order No. DHC-239. There is no evidence of fluid incompatibility and we do not expect any reservoir damage due to down hole commingling in the well bore. Ownership in the two pools is common and correlative rights will not be violated.

Currently, this well utilizes a dual pumping unit installation. If down-hole commingling is permitted, the existing pumping equipment on the Justis Tubb Drinkard will be utilized to lift the fluids from the two commingled zones. We propose to tube the well through the Justis Tubb Drinkard zone and keep the well pumped down to prevent crossflow between the two zones.

If downhole commingling is permitted, Gulf will consult with the Supervisor of the Hobbs District Office of the Commission to determine an allocation formula.

Additional information concerning this application as outlined in Rule 303-C is attached for your consideration.

Yours very truly,



C. D. BORLAND

Attachments
LBI/dch

cc: Energy and Minerals Department, OCC, P.O. Box 1980, Hobbs, NM 88240
Tenneco Oil Company, 1200 Lincoln Tower, Denver, CO 80203
Maralo Inc., P. O. Box 832, Midland, TX 79701

Getty Oil Company, P.O. Box 1231, Midland, TX 79701

Shell Oil Company, P.O. Box 1509, Midland, TX 79701

Union Texas Petroleum Corporation, 1300 Wilco Building, Midland, TX 79701

Atlantic Richfield Company, P.O. Box 1610, Midland, TX 79701

Marathon Oil Company, P. O. Box 2409, Hobbs, NM 88240

C. F. Kalteyer, Gulf Oil Exploration & Production Co, P.O. Box 1150, Midland, TX 7970



A DIVISION OF GULF CORPORATION

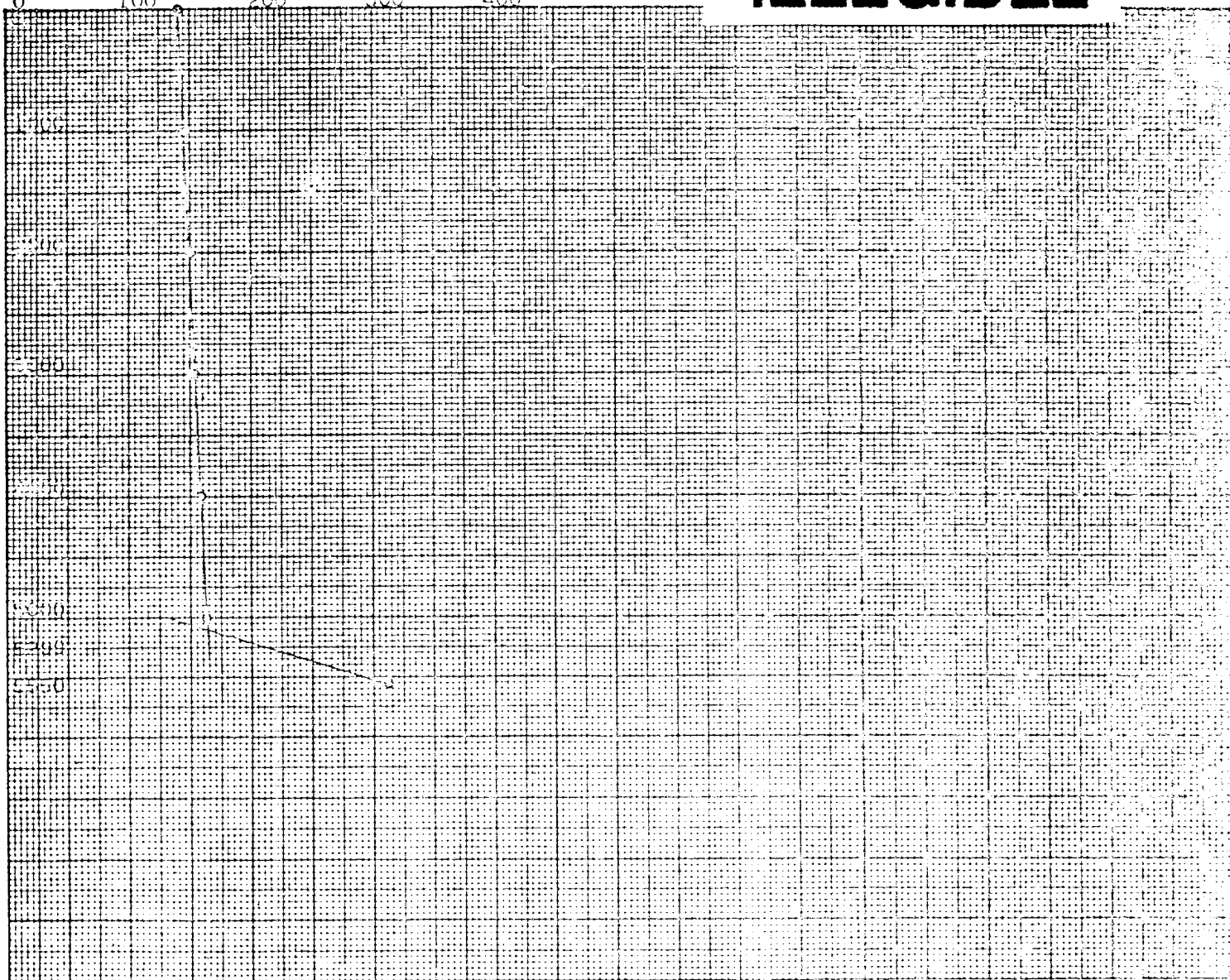
V. VINSON-RAMSAY (NCT-B) NO. 7

1. Operator: Gulf Oil Corporation, P. O. Box 670, Hobbs, New Mexico 88240
2. Lease & Well Number: Vinson-Ramsay (NCT-B) No. 7, Unit J, 1980' FSL & FEL Section 36-25S-37E, Lea County, New Mexico
3. Pools Dualled: Justis Blinebry & Justis Tubb Drinkard, OCC Order No. DC-966
4. Decline Curves: Attached
5. Bottom Hole Pressure Data: Both zones in subject well are artificially lifted. Pressure data obtained from Vinson-Ramsay (NCT-B) No. 8 at midpoint casing perforations
Justis Blinebry, 229 psi at a depth of 5299'
Justis Tubb Drinkard, 879 psi at a depth of 5790'
6. Fluid Characteristics: Justis Blinebry and Justis Tubb Drinkard are presently being commingled down hole in Gulf's Arnott-Ramsay (NCT-F) No. 11, Order No. DHC-48 dated 6-27-70; and Gulf's Vinson-Ramsay (NCT-B) No. 8, Order No. DHC-239, dated 4-4-78. There has been no evidence of fluid incompatibility.
7. Value of Commingled Crudes: Justis Blinebry & Justis Tubb Drinkard production are presently being surface commingled on this lease per Administrative Order PC-15. Since production is already being commingled on the surface, down hole commingling will not affect the price. Justis Blinebry & Justis Tubb Drinkard are both classified as "stripper production".

Value Commingled:	<u>BOPD</u>	<u>API Gravity</u>	<u>\$/Bbl.</u>	<u>Rev/day</u>
Justis Blinebry	13	37.1	\$13.72	\$178.36
Justis Tubb Drinkard	14	38.2	\$13.71	\$191.94
Total	27	-	-	\$370.30
Commingled	27	37.65	\$13.715	\$370.31
		Difference		\$.01

8. Current Production Test: Attached
Justis Blinebry 13 bopd, 36 bwpd, 113 MCFGPD
Justis Tubb Drinkard 14 bopd, 11 bwpd, 164 MCFGPD
9. All offset operators have been furnished a copy of this application by certified mail.

U. S. G. S., Box 1157, Hobbs, N.M.
Tenneco Oil Company
Maralo, Inc.
Getty Oil Company
Shell Oil Company
Union of Texas Petroleum Corp.
Atlantic Richfield Co.
Marathon Oil Company



JANREL SERVICES, Inc.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

OPERATOR Gulf Energy & Mineral Company US
 FIELD Justis
 FORMATION Tubb - Drinkard
 LEASE Vinson Ramsay B WELL 8
 COUNTY Lea STATE New Mexico
 DATE February 26, 1978 TIME 10:00 AM
 Status Shut in
 Test Depth 5650'
 Time S. I. 24 hrs. Last test date -
 Tub Pres. 763 BHP last test -
 Cas. Pres. Dual BHP change -
 Elev. 3031GL Fluid top None
 Datum (-2759) ** Water top None
 Temp. @ 102°F Run by JSI #14
 Cal. No. A33196N Chart No. 1

BOTTOM HOLE PRESSURE RECORD

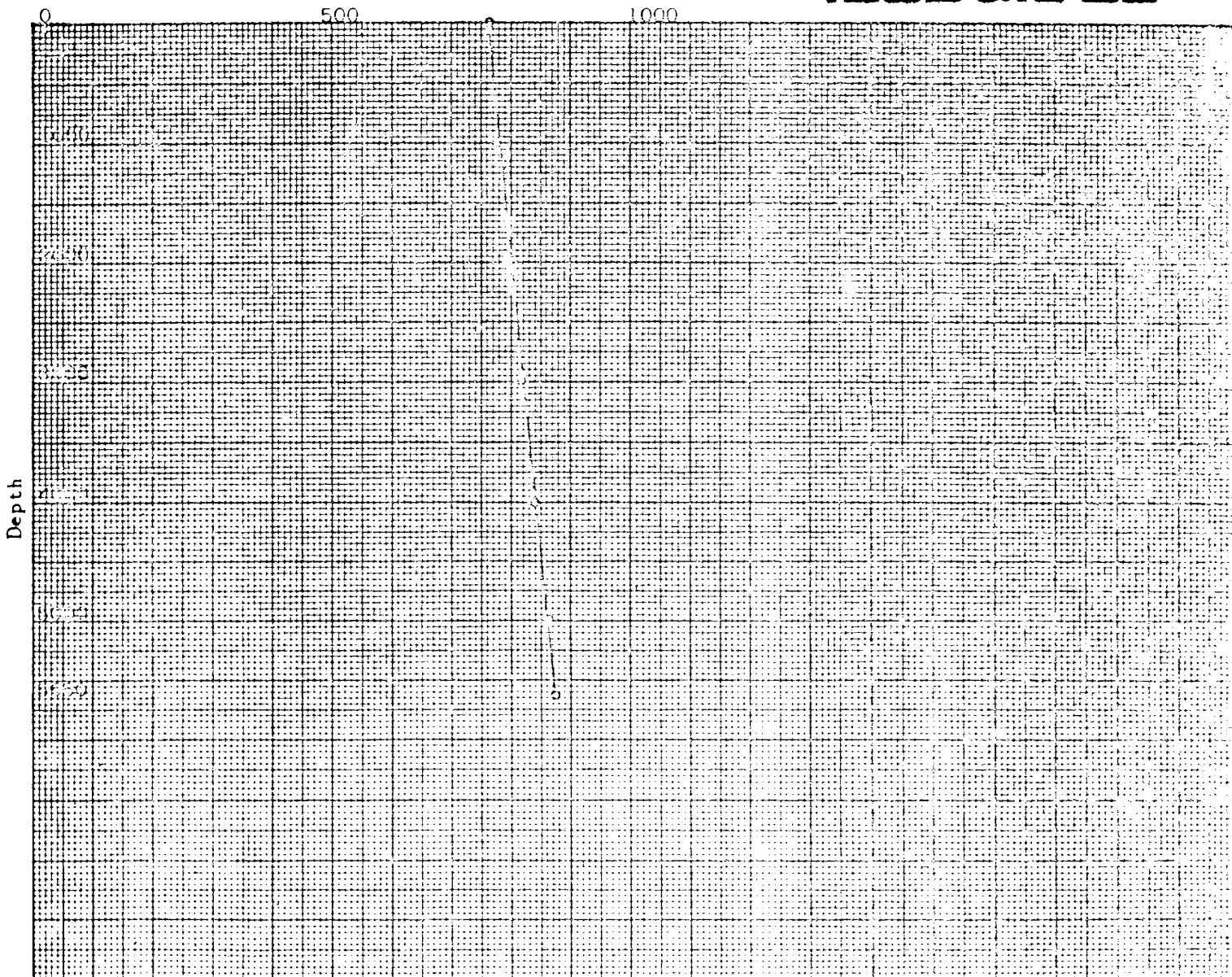
Depth	Pressure	Gradient
0	763	-
1000	776	.013
2000	797	.021
3000	818	.021
4000	840	.022
5000	862	.022
5650	876	.022
5790 (-2759)	879 * **	(.022)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS

ILLEGIBLE

Pressure



NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

G-113
Revised 1-1-73

Operator: Gulf Oil Corporation

Well: Justis Blinebry - Justis Tubb Drinkard

County: Lea

Address: P. O. Box 670, Hobbs, NM 88240

TYPE OF TEST - (X)
☒ Scheduled ☐ Special

Completion ☐ Special ☒

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	SIG. OF TEST	CHOKE SIZE	TEG. PRESS.	DAILY ALLOW. GALLS	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL.
		U	S	T	R							WATER BBL.	GRAV. OIL BBL.	GAS M.C.F.		
Justis Blinebry Vinson-Ramsay (NCT-B)	7	J	36	25	37	5-15-78	P	2"wo	60	9	24	36	37.1	13	113.0	8692
Jr. is Tubb Drinkard Vinson-Ramsay (NCT-B)	7	J	36	25	37	5-17-78	P	2"wo	60	25	24	11	38.2	14	164.0	11,714
Application to Comingle Down Hole																

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 303 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Well Tester
Well Tester
(Signature)

May 23, 1978 (Date)

6-11-01-1000

Well: VINSKY, NANCY (WTFB) 77

Prod: Jctis Blinobry

ILLEGIBLE

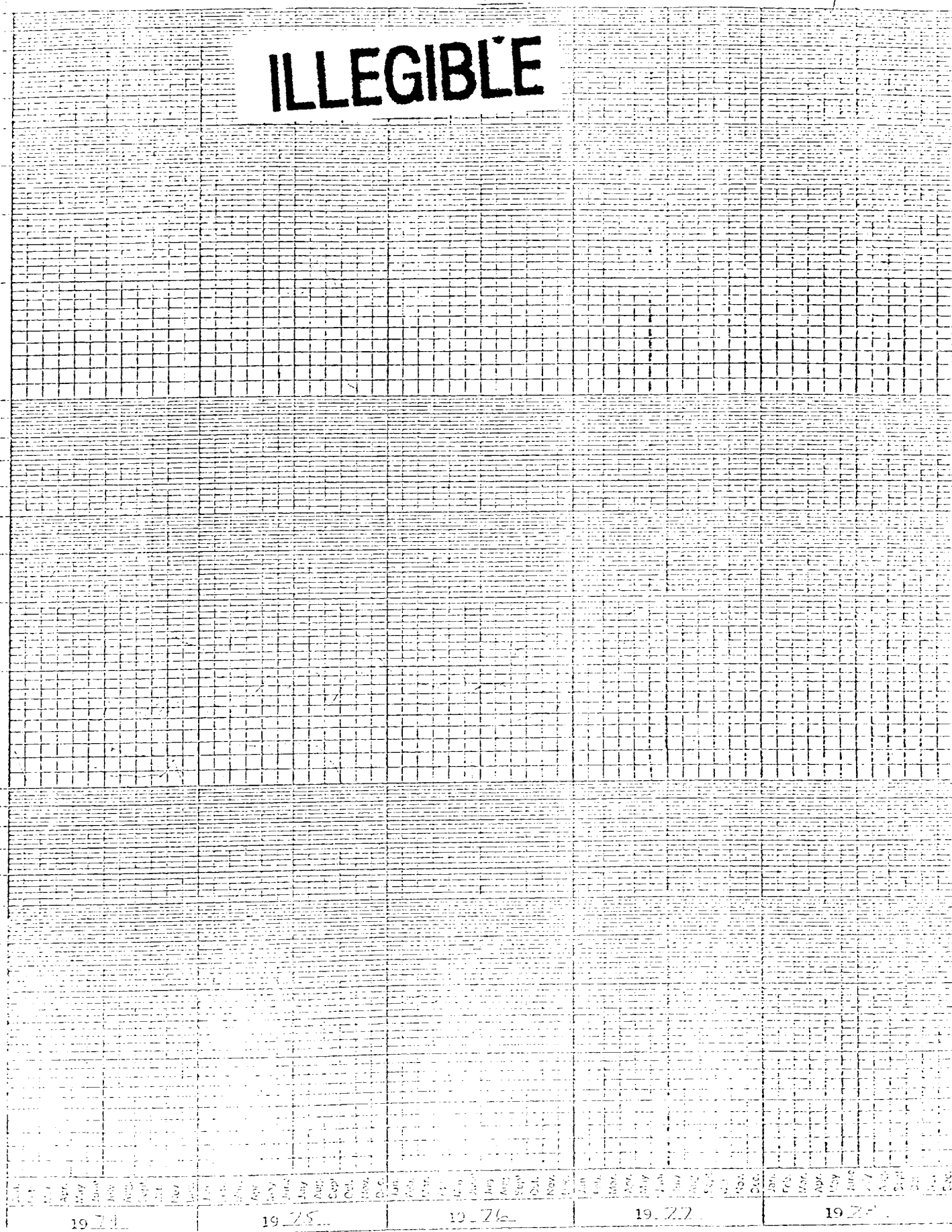
46 6693

BOPO

AMCFPO

BUOP

5 YEARS BY MONTHS x 3 LOG CYCLES
KEURHIL & ESSER CO. MADE IN U.S.A.



Rock Trust - Bedford

46 6693

5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

19-10-

1975

10-76-

19.77.

1972

Lease 1920 FOS 1920 FOS Well No. 36-275-37E Pool 1920 FOS
Location 1920 FOS 1920 FOS County Lea State NA

GLE: 3028.4

KDB: 3038 90

H = 10.50

"Chattahoochee"

Initial Comp. Date: 60-20-00

Producing Formation: 5771-5857

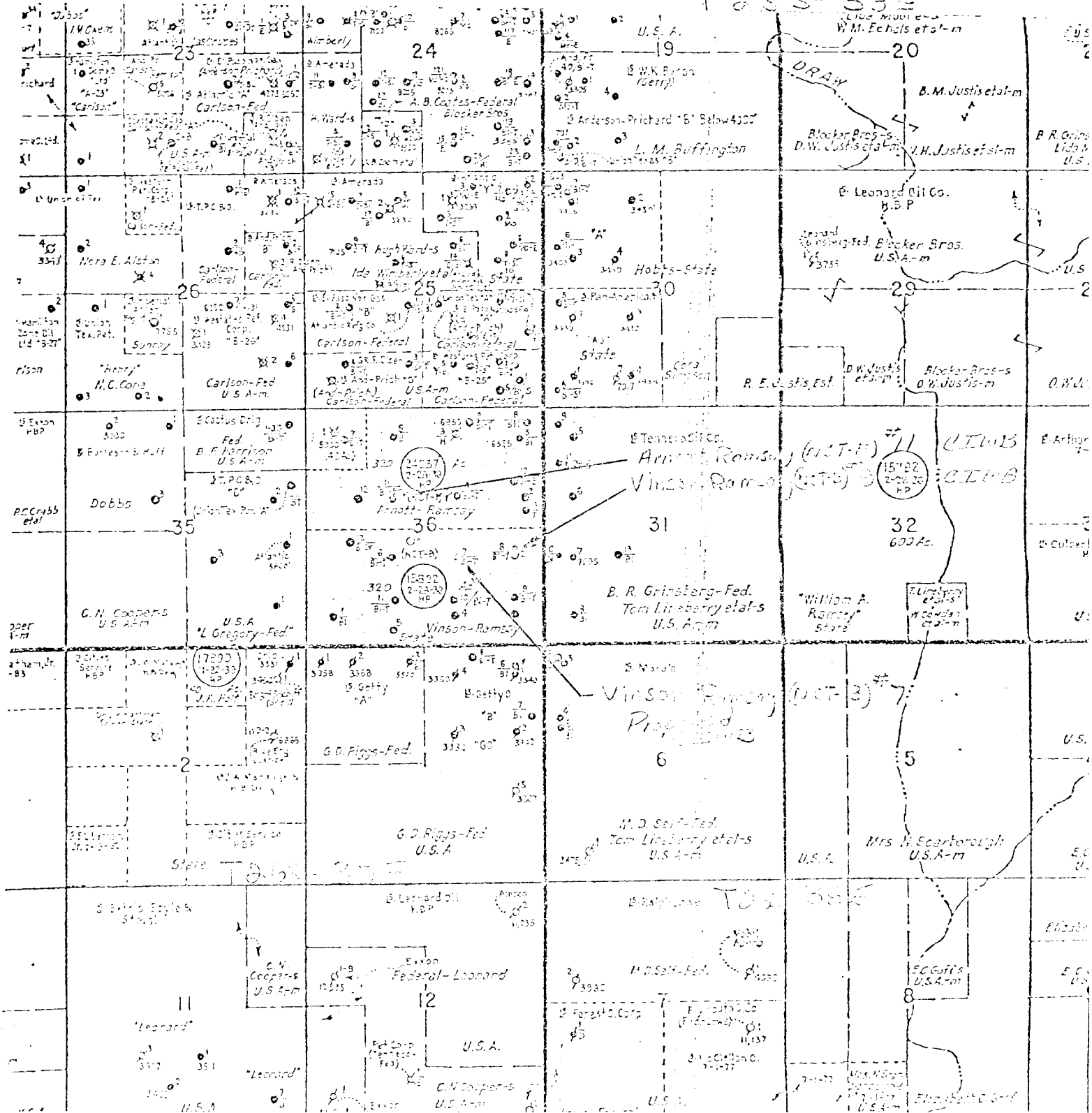
Gulf Oil Corporation

CIWB - Commingled in well bore

Proposed CIWB

T 255-37E

T 255-38E



Prepared By: _____